REMARKS

The drawings were objected to because they failed to include sufficient labels or legends. The replacement sheets include sufficient labels to overcome the objection.

The specification was objected to for the phrase "it can then shown in memory through the virtual browser" on page 2 and page 6. The corresponding portion of the specification is amended as "It can then be rendered in memory through the virtual browser".

The embodiments of prior applications by the same inventor of the present application (e.g., U.S. Patent Applications 09/496,172, 09/501,585, 09/504,809, 09/504,808, and 09/504,807, which were filed since February 2, 2000) were mislabeled as "prior art". These embodiments were prior inventions disclosed in the prior applications of the same inventor. Thus, Figures 1-5 and the corresponding description for these embodiments of prior applications are currently amended to remove the labeling of "prior art".

Claim 1 was rejected under 35 U.S.C. 102(e) as being anticipated by Takeda (U.S. Patent No. 6,256,750). Applicant respectfully submits that amended claim 1 and new claims 2-68 are patentable over Takeda.

In at least one embodiment of the present invention, a portable device uses the device driver running on a remote host computer (server) to control the peripheral device (e.g., a printer) that is locally attached to a port of the portable device. Thus, the portable device does not need a device driver to operate the peripheral device. For example, the printing request from the portable device causes the host computer to establish a two-way communication channel between the printer and the host computer through the port of the portable device so that the printing operation of the printer is under control of the host computer. Thus, even through the portable device has no knowledge about how to operate

the printer (e.g., the portable device does no have the software device drive for the printer), the portable device can still use the printer to print, after establishing a communication channel to allow the remote host computer to take control of the printer through the port of the portable device.

The system of Takeda is substantially different from the subject matter of the pending claims. The server 703 of Takeda contains a software module (virtual print server service (server) 712) to control the operation of the network printer. The client 702 of Takeda sends the data to the server 703; and, the server controls the printer for the printing operation. It is understood that the client 702 does not directly control the printing operation of the printer. In Takeda, there is no two-way communication channel established for the client 702 to control the operation of the printer through the port of the server 703.

Further, the printing in Takeda is not in response to the instruction or request from the server 703.

In Takeda, the printer 701 is connected to both the client 702 and the server 703. When the client 702 controls the printer, the server 703 is not involved; when the client 702 sends the data to server 703 for printing, the server 703 is in control of the printer.

The amended claim 1 recites the limitation of "a two-way communication channel is provided between the computer and the peripheral device through the port of the remote device to allow data to be sent between them and to allow the computer system to operate the peripheral device using the control information". And, independent claims 2, 15, 27, 37, 44 and 57 recite the limitation of "the peripheral device being connected to a port of the remote device" and "operate the peripheral device under control of the server" through the port of the remote device. Thus, the independent claims are patentable over Takeda.
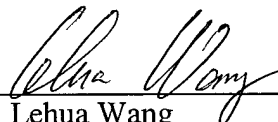
Further, the dependent claims recite additional limitations that are not found in Takeda. For example, claim 2 recites the limitation of "the remote device contains no

software device driver for the peripheral device connected to the port of the remote device";

claim 3 recites the limitation of "the remote device has no running operating system"; claim

6 recites the limitation of "a two-way communication channel is established for

communication between the server and the peripheral device through the port of the remote

device to operate the peripheral device under the control of the server"; claim 10 recites the

limitation of "a wireless connection"; claim 11 recites the limitation of "rendering at the

server the entire document into an image"; and others.

Please charge any shortages or credit any overages to Deposit Account No. 02-2666.

Furthermore, if an extension is required, Applicant hereby requests such extension.

Respectfully submitted,

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